

Claims

We claim:

1 1. The combination of a cylindrically-shaped instrumentation
2 package for collecting data from ambient sea and a laterally
3 extending stabilizer comprising:

4 a cylindrically-shaped instrumentation package for
5 collecting data from said ambient sea, said cylindrically-shaped
6 instrumentation package having round outer contours and being
7 placed on the floor of said sea, said data collecting being
8 adversely affected by lateral rocking motion thereof;

9 a laterally extending stabilizer having an outrigger base
10 assembly having a flat base surface for resting on said sea
11 floor, upper surfaces joined to said flat base surface having a
12 semi-circular cross-sectional configuration to contiguously fit
13 adjacent to one part of said round outer contours of said
14 cylindrically-shaped instrumentation package, and outrigger
15 portions extending said flat base surface laterally beyond said
16 cylindrically-shaped instrumentation package; and

17 first and second case clamps provided with curved surfaces
18 having semi-circular cross-sectional configurations and extending
19 above said outrigger base assembly, said first and second clamps
20 being shaped to clamp said curved surfaces onto another part of
21 said round outer contours of said cylindrically-shaped
22 instrumentation package and said upper surfaces of said outrigger
23 base assembly onto said one part of said round contours of said
24 cylindrically-shaped instrumentation package to secure said
25 cylindrically-shaped instrumentation package in a fixed

26 orientation free from said lateral rocking motion on said sea
27 floor.

1 2. The combination of claim 1 wherein said first and second
2 clamps are parallel with one another, said cylindrically-shaped
3 instrumentation package is an elongate, cylindrically-shaped
4 emulator of mines, and said first and second clamps are
5 longitudinally spaced apart from one another on said
6 cylindrically-shaped emulator.

1 3. The combination of claim 2 further comprising:
2 a plurality of threaded bolts extending through holes in
3 said first and second clamps to engage mating threaded bores in
4 said outrigger base assembly to hold said cylindrically-shaped
5 emulator in said fixed orientation free from said lateral rocking
6 motion.

1 4. The combination of claim 3 further comprising:
2 resilient pads on said upper surfaces of said outrigger base
3 assembly and said curved surfaces of said first and second
4 clamps, said resilient pads engaging said cylindrically-shaped
5 emulator.

1 5. The combination of claim 4 wherein said outrigger portions of
2 said outrigger base assembly laterally extend beyond said
3 cylindrically-shaped emulator to increase stability.